

INTERNATIONAL SEARCH REPORT

Interr - pplication No
PCT/US2004/034514

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K38/19 A61K39/395 A61P37/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, BIOSIS, EMBL, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	KAYAGAKI NOBUHIKO ET AL: "BAFF/Blys receptor 3 binds the B cell survival factor BAFF ligand through a discrete surface loop and promotes processing of NF-kappaB2" IMMUNITY, vol. 10, no. 4, October 2002 (2002-10), pages 515-524, XP002321480 ISSN: 1074-7613 the whole document ----- -/--	1-16, 18-28, 30-33, 36-51, 53-63, 65-68

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

23 March 2005

Date of mailing of the international search report

06/04/2005

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Intern application No
PCT/US2004/034514

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GROSS J A ET AL: "TACI and BCMA are receptors for a TNF homologue implicated in B-cell autoimmune disease" NATURE, MACMILLAN JOURNALS LTD. LONDON, GB, vol. 404, 27 April 2000 (2000-04-27), pages 995-999, XP002140939 ISSN: 0028-0836 abstract page 998, left-hand column, paragraph 2 - right-hand column, paragraph 1	1-16, 18-28, 30-33, 36-51, 53-63, 65-68
Y	PELLETIER MARC ET AL: "Comparison of soluble decoy IgG fusion proteins of BAFF-R and BCMA as antagonists for BAFF." JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 278, no. 35, 29 August 2003 (2003-08-29), pages 33127-33133, XP002321479 ISSN: 0021-9258 the whole document	1, 20-22, 26-35, 64-70
Y	WO 02/24909 A (BIOGEN, INC; AMBROSE, CHRISTINE, M; THOMPSON, JEFFREY, S) 28 March 2002 (2002-03-28) abstract page 7, paragraphs 2,3; figure 9; sequence 12 page 75, paragraphs 3,4	1-16, 18-51, 53-70
P,X	STOHL W: "A therapeutic role for BLYS antagonists" LUPUS, vol. 13, no. 5, 2004, pages 317-322, XP008044502 ISSN: 0961-2033 the whole document	1-70

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Inl application No.
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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 1-35 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; It is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

Intern

Application No

PCT/US2004/034514

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 0224909	A	28-03-2002	AU	8885801 A	02-04-2002
			BG	107621 A	30-01-2004
			BR	0113921 A	14-12-2004
			CA	2422622 A1	28-03-2002
			EE	200300107 A	15-02-2005
			EP	1352063 A2	15-10-2003
			HU	0401591 A2	29-11-2004
			JP	2004509624 T	02-04-2004
			MX	PA03002328 A	06-06-2003
			NO	20031248 A	16-05-2003
			SK	4712003 A3	07-10-2003
			WO	0224909 A2	28-03-2002
			ZA	200301903 A	25-06-2004